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## IN THE SPECIFICATION

Please amend the paragraph on page 35, lines 18-24, as follows:

--Referring to Fig. 53, the v-groove plate discussed hereinbefore with Fig. 28 may be used for the end illumination/readout condition. As shown, the beads 8 are arranged in V-grooves 205, which may also take the form of square grooves generally indicated as dashed lines 211. In that case, the grating 12 may have a blaze angle such that light incident 699 along the axial grating axis will be reflected upward as reflected light 683, downward as reflected light 681, or at a predetermined angle for code detection.

Similarly, the input light 697 may be incident on the grating in a downward, upward, or at a predetermined angle and the grating 12 may reflect light 698 along the axial grating axis for code detection.--